

Fig. 1

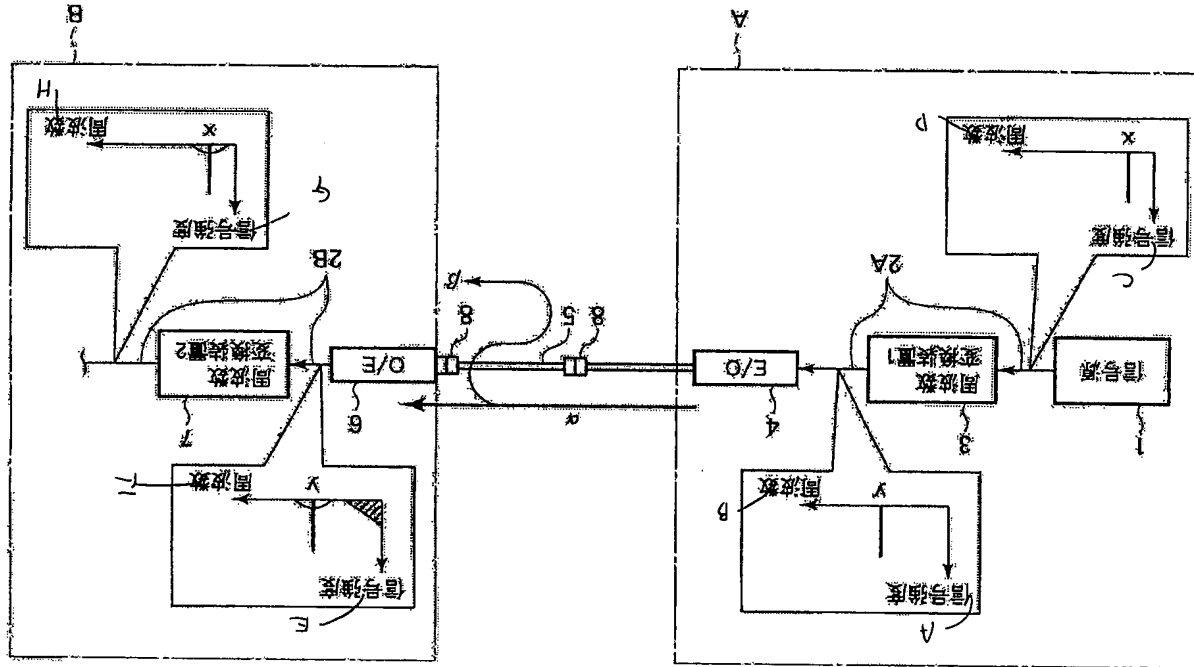


FIG. 1

- 1 SIGNAL SOURCE
- 3 FREQUENCY CONVERSION DEVICE 1
- 7 FREQUENCY CONVERSION DEVICE 2
- (A) SIGNAL INTENSITY
- (B) FREQUENCY
- (C) SIGNAL INTENSITY
- (D) FREQUENCY
- (E) SIGNAL INTENSITY
- (F) FREQUENCY
- (G) SIGNAL INTENSITY
- (H) FREQUENCY

Fig. 2

FIG. 2

1	SIGNAL SOURCE
(A)	SIGNAL INTENSITY
(B)	FREQUENCY
(C)	SIGNAL INTENSITY
(D)	FREQUENCY

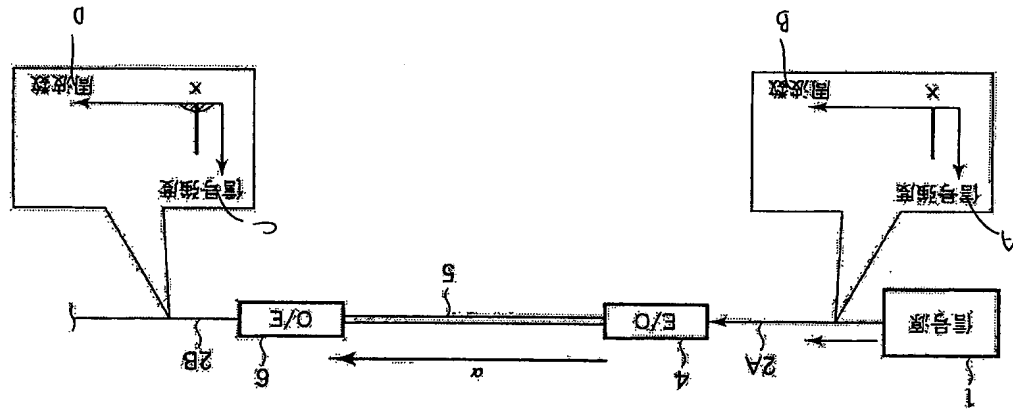


Fig. 3

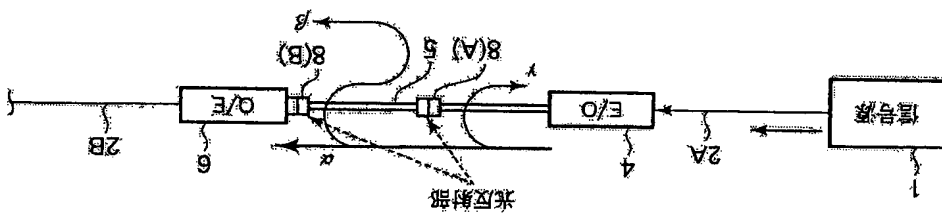


FIG. 3

1 SIGNAL SOURCE

8 OPTICAL REFLECTION PORTION

1	SIGNAL SOURCE
(A)	SIGNAL INTENSITY
(B)	FREQUENCY
(C)	SIGNAL INTENSITY
(D)	FREQUENCY



Fig. 5

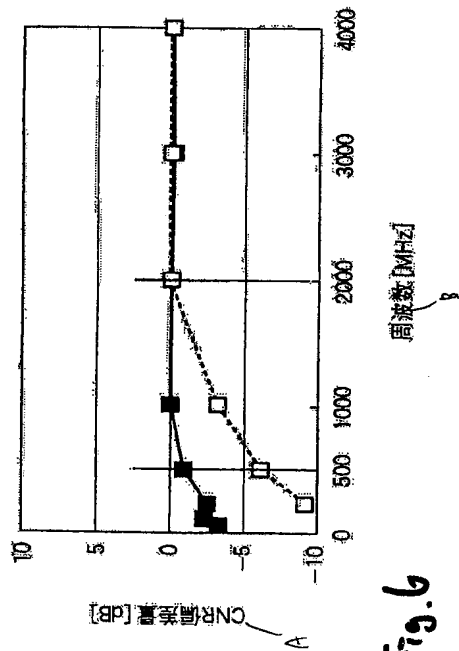


FIG. 5
(A) CNR DEVIATION [dB]
(B) FREQUENCY [MHz]
FIG. 6
(A) CNR DEVIATION [dB]
(B) FREQUENCY [MHz]

Fig. 6

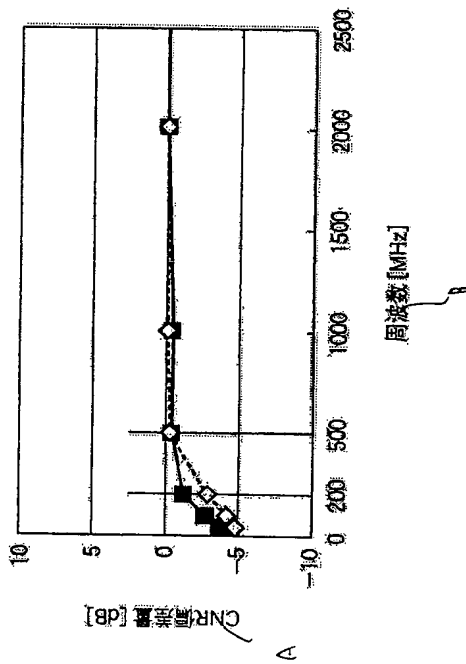


Fig. 7

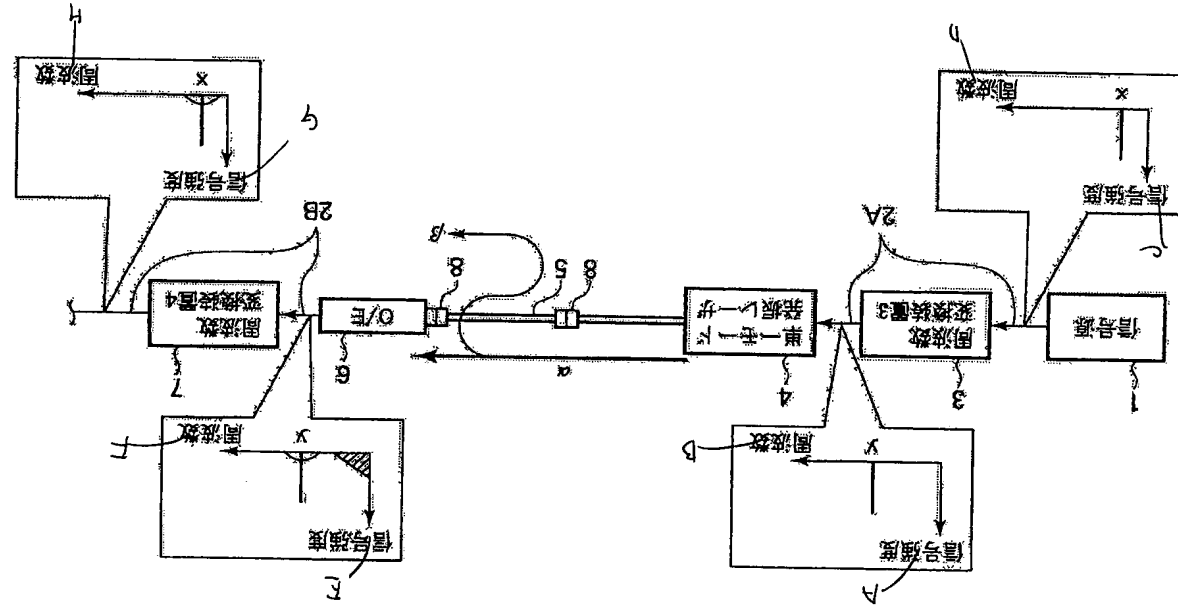


FIG. 7

- 1 SIGNAL SOURCE
- 3 FREQUENCY CONVERSION DEVICE 3
- 4 SINGLE-MODE OSCILLATION LASER
- 7 FREQUENCY CONVERSION DEVICE 4
- (A) SIGNAL INTENSITY
- (B) FREQUENCY
- (C) SIGNAL INTENSITY
- (D) FREQUENCY
- (E) SIGNAL INTENSITY
- (F) FREQUENCY
- (G) SIGNAL INTENSITY
- (H) FREQUENCY

Figure 1 is a block diagram of a radio communication system. The system includes a transmitting side (left) and a receiving side (right). On the transmitting side, a signal source (1) provides a signal to a frequency converter (2A), which also receives a local oscillator signal (3) from a frequency synthesizer (4). The output of 2A is sent to a transmission antenna (5). On the receiving side, a reception antenna (6) receives the signal, which is then processed by a frequency converter (7B) and a frequency synthesizer (8). The output of 7B is sent to a signal processing unit (9). The diagram also shows various signal paths and components like mixers and amplifiers.

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|-----|-------------------------------|
| 1 | SIGNAL SOURCE |
| 3 | FREQUENCY CONVERSION DEVICE 5 |
| 4 | MULTI-MODE OSCILLATION LASER |
| 7 | FREQUENCY CONVERSION DEVICE 6 |
| (A) | SIGNAL INTENSITY |
| (B) | FREQUENCY |
| (C) | SIGNAL INTENSITY |
| (D) | FREQUENCY |
| (E) | SIGNAL INTENSITY |
| (F) | FREQUENCY |
| (G) | SIGNAL INTENSITY |
| (H) | FREQUENCY |

